

## AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings of claims in the application:

### LISTING OF THE CLAIMS

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Currently Amended) ~~A~~The shielding structure for a brushless type rotation detector ~~according to claim 5 comprising,~~  
a signal modulation section for modulating an output voltage induced by an excitation voltage according to a rotation angle to be detected; and  
a case that houses the signal modulation section,  
characterized in that said shielding structure includes a rotor magnetic shielding section that can provide a magnetic shield between a rotor iron core and a rotor transformer that constitute said signal modulation section,  
characterized in that said shielding structure is a ring-shaped structure including said rotor magnetic shielding section and a securing section for mounting the structure to a surface of said rotor, said securing section is formed into a flange shape, and said rotor magnetic shielding section has the same height as said rotor transformer and the rotor iron core.

7. (Canceled)

8. (Currently Amended) The shielding structure for a brushless type rotation detector according to claim 6, characterized in that said rotor magnetic shielding section has a ~~height-radial width~~ capable of also providing a shield between said stator transformer and the stator iron core.

9. (Currently Amended) A shielding structure for a brushless type rotation detector comprising:

a signal modulation section for modulating an output voltage induced by an excitation voltage according to a rotation angle to be detected; and

a case that houses the signal modulation section,

characterized in that said shielding structure includes a stator section shielding structure having a stator magnetic shielding section that can provide a magnetic shield between a stator iron core and a stator transformer that constitute said signal modulation section, and a rotor section shielding structure having a rotor magnetic shielding section that can provide a magnetic shield between a rotor iron core and a rotor transformer that constitute said signal modulation section

characterized in that said shielding structure is a ring-shaped structure including said rotor magnetic shielding section and a securing section for mounting the structure to a surface of said rotor, said securing section is formed into a flange shape, and said rotor magnetic shielding section has the same height as said rotor transformer and the rotor iron core.

10. (Canceled)

11. (Canceled)

12. (Currently Amended) ~~A~~The shielding structure for a brushless type rotation detector according to ~~claim 7~~, comprising:

a signal modulation section for modulation an output voltage induced by an excitation voltage according to a rotation angle to be detected; and

a case that houses the signal modulation section,

characterized in that said shielding structure includes a rotor magnetic shielding section that can provide a magnetic shield between a rotor iron core and a rotor transformer that constitute said modulation section,

characterized in that said shielding structure is a ring-shaped structure including said rotor magnetic shielding section integrally formed with said rotor, and said rotor magnetic shielding section has the same radial width as said rotor transformer and the rotor iron core,

characterized in that said rotor magnetic shielding section has a ~~height~~radial width capable of also providing a shield between said stator transformer and the stator iron core.

13. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Previously Presented) The shielding structure for a brushless type rotation detector according to claim 6, that can be used in a one phase excitation/two phase output brushless resolver, a two phase excitation/one phase output brushless resolver, or a two phase excitation/two phase output brushless resolver.

18. (Currently Amended) The shielding structure for a brushless type rotation detector according to claim 7~~12~~ that can be used in a one phase excitation/two phase output brushless resolver, a two phase excitation/one phase output brushless resolver, or a two phase excitation/two phase output brushless resolver.

19. (Previously Presented) The shielding structure for a brushless type rotation detector according to claim 8 that can be used in a one phase excitation/two

phase output brushless resolver, a two phase excitation/one phase output brushless resolver, or a two phase excitation/two phase output brushless resolver.

20. (Previously Presented) The shielding structure for a brushless type rotation detector according to claim 9 that can be used in a one phase excitation/two phase output brushless resolver, a two phase excitation/one phase output brushless resolver, or a two phase excitation/two phase output brushless resolver.

21. (New) The shielding structure for a brushless type rotation detector according to claim 6, characterized in that said shielding structure includes a stator section shielding structure having a stator iron core and a stator transformer that constitute said signal modulation section.

22. (New) The shielding structure for a brushless type rotation detector according to claim 21 that can be used in a one phase excitation/two phase output brushless resolver, a two phase excitation/one phase output brushless resolver, or a two phase excitation/two phase output brushless resolver.